

Appl. No.: 10/709,170  
Amdt. Dated: 6/14/2005  
Reply to Office action of: 05/20/2005

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. (currently amended) A sun visor carrier assembly, rod, and center support for use as a core for an over-molded expanded polypropylene sun visor suitable for use in vehicles comprising in cooperative combination:

- a) a sun visor carrier body comprising: i a blade section having located therein a vanity assembly mounting device, and a rod mounting section having a bore there through for mounting on a sun visor rod, said bore being dimensionally maintained by a at least one of fastener;
- b) a pair of electrical connection wires providing electrical current to a vanity assembly;
- c) a detent clip attached to said sun visor carrier body with a detent clip fastener device;
- d) a cylindrical detent sleeve having a flat face portion, a cylindrical rod end bushing, and a cylindrical center support pin assembly comprising a body having molded therein a spaced apart pair of electrical contact surfaces, said electrical contact surfaces electrically connected to said electrical connection wire of component b); all mounted within said bore of said carrier body;
- e) a sun visor rod having a flat face mounted within said cylindrical detent sleeve and said cylindrical rod end bushing;
- f) a covering tape over the assembled rod mounting section to prevent plastic migration during over-molding of the carrier body; and
- g) a center support assembly comprising a body having a assembly mounting bore, a pair of electrical contact clips wherein each electrical contact clip is connected to the vehicles power system by means of an electrical wire attached thereto;

thereby providing a sun visor carrier body assembly with cooperating sun visor rod and

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sun visor center support assembly allowing for over-molding with a plastic to produce a finished sun visor having electrical provision for a vanity assembly incorporating electrical components.

2. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 1 wherein, said sun visor carrier body comprises metal.

3. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 1 wherein, said sun visor carrier body comprises plastic.

4. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 1 wherein, said detent clip comprises a metal.

5. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 1 wherein, said detent clip fastener device is a rivet.

6. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 1 wherein, said cylindrical detent sleeve, said rod end busing, said center support pin assembly body and said center support assembly body comprise a plastic.

7. (canceled)

8. (canceled)

9. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 1 wherein, said at least one fastener is a plurality of staples.

10. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 1 wherein, said at least one fastener is at least one sonic weld.

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11. (currently amended) A sun visor carrier assembly, rod, and center support for use as a core for an over-molded expanded polypropylene sun visor suitable for use in vehicles comprising in cooperative combination:

- a) a sun visor carrier body comprising: a blade section having located therein a vanity assembly mounting device, and a rod mounting section having a bore there through for mounting on a sun visor rod, said bore being dimensionally maintained by at least one fastener;
  - b) an electrical connection wire providing electrical current to a vanity assembly;
  - c) a detent clip attached to said sun visor carrier body with a detent clip fastener device;
  - d) a cylindrical detent sleeve having a flat face portion, a cylindrical rod end bushing, and a cylindrical center support pin assembly comprising a body having molded therein a spaced apart pair of electrical contact surfaces, one electrical contact surface electrically connected to said electrical connection wire of ~~component b)~~ and the other electrical contact surface connected to said carrier body, all mounted within said bore of said carrier body;
  - e) a sun visor rod ~~support~~ having a flat face and mounted within said cylindrical detent sleeve ~~such that the flat faces of each are aligned and~~ said cylindrical rod end bushing;
  - f) a covering tape over the assembled rod mounting section to prevent plastic migration during over-molding of the carrier body; and
  - g) a center support assembly comprising a body having a assembly mounting bore, a pair of electrical contact clips wherein each electrical contact clip is connected to the vehicles power system by means of an electrical wire attached thereto;
- thereby providing a sun visor carrier body assembly with cooperating sun visor rod and sun visor center support assembly allowing for over-molding with a plastic to produce a finished sun visor having electrical provision for a vanity assembly incorporating electrical components.

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12. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 11 wherein, said sun visor carrier body comprises metal.

13. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 11 wherein, said sun visor carrier body comprises plastic.

14. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 11 wherein, said detent clip comprises a metal.

15. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 11 wherein, said detent clip fastener device is a rivet.

16. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 11 wherein, said cylindrical detent sleeve, said rod end busing, said center support pin assembly body and said center support assembly body comprise a plastic.

17. (canceled)

18. (canceled)

19. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 11 wherein, said at least one fastener is a plurality of staples.

20. (currently amended) The sun visor carrier assembly, rod, and center support as claimed in Claim 11 wherein, said at least one fastener is at least one sonic weld.